



State of Alaska
Department of Labor & Workforce Development
Division of Business Partnerships
1016 West 6th Avenue, Suite 205
Anchorage, Alaska 99501
907-269-4551 \ 907-269-0068 fax



**Denali Training Fund - Youth Program
Quarterly Progress Report**

Funds for this project are provided by the Denali Commission and the USDOL and managed, in partnership, by the Alaska Department of Labor and Workforce Development.

Name of Organization:	Renewable Energy Alaska Program / 11-302
Name of Project:	Renewable Energy - Wind Training
Reporting Period:	7/1/11-9/30/11
Contact Name:	Hannah Gustafson
Contact Number:	907-317-2050

Certification: I certify that the information in this report is current, correct and true and in accordance with the terms and conditions of the grant agreement.

Signed by: Hannah Gustafson Dated 10/31/11

The performance of this grant will be based upon the success achieved in relation to the goals established and approved by the Alaska Department of Labor, and will be reported in the Grantee's quarterly progress reports. Specific goals and objectives for this project are:

The grant recipient will partner with the Alaska Center for Renewable Energy and Power's Wind Diesel Application Center (WiDAC) and Susitna Energy Systems to develop training opportunities for **140** of Alaska's young adults through the Department of Energy's (DOE) Wind for School Program (AK WfS).

This project will develop the local and regional capacity to deploy, operate and maintain sustainable renewable energy systems. This grant will support engagement and education of **16-24** year olds in the hub villages of Kotzebue, Bethel, Nome, Dillingham and their surrounding villages.

The AK WfS Program is a part of a national DOE program. The goals of AK WfS are to spark interest in renewable energy, math, and science, to help communities with existing

wind-diesel systems incorporate wind energy curriculum in to their school(s), and to give Alaskans the tools to be able to make sustainable energy decisions.

The WiDAC Training Hubs (enable regional hubs to maintain the WfS wind turbine systems) will be ongoing throughout the course of the project with most activities taking place during the summer months.

The WiDAC College WfS Program will be ongoing and most of the activities will occur during the fall as participants help prepare for the Skystream and/or anemometer installations.

The 16-18 year old participants will come from the High School science classes in the four hub villages. The 19-24 year old participants in the WiDAC Regional Hub Training and College Program will be open to all interested and not be restricted unless there is competition for funding. In this case, the participants will be chosen based on background skills and their plans for remaining in their rural community.

Grant Recipient will provide training to the participants as follows:

High School Wind for Schools Program (ages 16-18) 125 participants
WiDAC Training Hub Wind for Schools Program (ages 19-24) 10 participants
WiDAC College Wind for Schools Program (ages 19-24) 5 participants

TARGET POPULATION: 140 - participants (Age 16- 24)

Participants served to date: 18

GOALS/OBJECTIVES ACCOMPLISHED TO DATE:

Please provide the number of participants served to date in the table below.
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Goal 1: To improve employability skills of rural youth through hands-on learning experiences, workforce readiness skills, and teamwork to prepare them for successful transition in to Alaska's workforce.

Goal 1 To improve employability skills of rural youth through hands-on learning experiences, workforce readiness skills, and teamwork to prepare them for successful transition from high school to Alaska's workforce.

Objective 1.1 By June 30, 2011, 125 high school students will be reached by the program.

Objective 1.2 By June 30, 2011, 10 students will participate in the WiDAC Training Hub Wind for Schools program.

Objective 1.3 By June 30, 2011, 5 students will participate in the WiDAC College Wind for Schools program.

Goals & Obj.		Outcome	# Participants Completing Goal	Participants Served to Date	Documentation
1	1	Participants will be reached by the Wind for Schools program	125	0	Participant attendance roster.
	2	Students will participate in the WiDAC Training Hub Wind for Schools program.	10	13	Participant attendance roster.
	3	Students will participate in the WiDAC college Wind for Schools program.	5	5	Participant attendance roster.

NARRATIVE OF SERVICES:

Provide a brief narrative of services provided this quarter by applicable Goal/Objective.

Goal 1	To improve employability skills of rural youth through hands-on learning experiences, workforce readiness skills, and teamwork to prepare them for successful transition from high school to Alaska's workforce.
Objective 1.1	By June 30, 2011, 125 high school students will be reached by the program.
Objective 1.2	By June 30, 2011, 10 students will participate in the WiDAC Training Hub Wind for Schools program.
Objective 1.3	By June 30, 2011, 5 students will participate in the WiDAC College Wind for Schools program.

ACCOMPLISHMENTS: SUCCESS STORIES:

Provide a narrative of participant successes resulting from participation in your program. Please include photos via separate attachment, 3 photos per training session required.

The two trainings that occurred in the last quarter were not as successful as the first two. This is most likely due to a few different variables. First, the local partnering campus was not as engaged in these communities as they had been in Dillingham and Nome. Second, these trainings occurred during hunting season, a time when many people are out of town. Lastly, the person responsible for convening the trainings was on maternity leave starting September 1.

These trainings, like the first two also consisted of a mix of classroom activities and presentations, hands-on activities in the field, and field trips/site visits. These trainings were also set up as a three-day course resulting in one college credit upon completion. One difference in these two communities was that there was not an installed turbine that was utilized for the course. Instead a smaller, portable, demonstration model was utilized. The demonstration model still offered an adequate hands-on experience, it was just slightly different than what occurred in Dillingham and Nome.

In Kotzebue we had a total of 5 students in the target age group.

In Bethel we had no students in the target age group. This was very disheartening. We had arranged for five students from the Bethel Alternative Boarding School to attend, but unfortunately, none of them showed up.

Please find photos of each training attached.

PLANNED ACTIVITIES FOR NEXT REPORTING PERIOD:

Describe the grant activities you expect to complete during the next quarter.

The next quarter will consist of completing as many of the objectives as possible. Arrangements have been made with Mt. Edgecumbe High School to do trainings with four of their science classes. This is how we will reach the majority of the High School students that still need to be reached. We will most likely not reach 125, but we should be able to get most of the way there.

The next quarter will also consist of completing final reporting and closing out the grant.

ON TIME AND ON BUDGET:

Are the grant activities progressing as planned? Are you within your budget? If not, what is the cause? What is the solution? How can we help?

This is going to be complete well under budget. This is due to a variety of reasons. For example, we had allocated \$6,000 for an intern to help coordinate the trainings. The intern we hired incurred less than \$1,000 in costs before leaving for the summer for full-time employment. At this point there is no need to bring another intern on and therefore will not incur the remainder of the budgeted amount. In addition there was a substantial portion of the budget allocated for purchasing a wind turbine simulator. An adequate one was never identified and we were able to use either existing turbines in the community or rent a demonstration model, a purchase was never necessary.

DEMOGRAPHIC DATA:

List the number of participants, the age groups, the school the activities took place (list community if not at a school), the number of participants in school, the number of participants that are not in school and the training dates.

# OF YOUTH	# OF 16 - 18 YEAR OLDS	# OF 19 - 24 YEAR OLDS	SCHOOL OR COMMUNITY	# YOUTH IN SCHOOL	# YOUTH OUT OF SCHOOL	TRAINING DATES
6	-	6	Dillingham	-	6	April 15-17
7	2	5	Nome	2	5	June 24-26
5	-	5	Kotzebue	-	5	September 9-11
-	-	-	Bethel	-	-	September 23-25

STATISTICAL DATA:

Please complete the table below as applicable.

By Quarter	Career Guides Activities & Exploration	Youth Employ - ability Skills	Work Experiences	Academic Training	Apprenticeship and Pre- Apprenticeship
01/1 - 03/31					
04/1 - 06/30	Yes	Yes	Yes	Yes	No
07/1 - 09/30	Yes	Yes	Yes	Yes	No
10/1 - 12/31					

Please note: The data collected in your Quarterly Progress Report provides vital information that can have a direct impact on future funding for our grant programs. Forwarding your success stories and photos as part of our requests is further evidence of how rural youth training is crucial to building a strong workforce for Alaska. Thank you in advance for your cooperation.